

BELT FORCE MEASURING DEVICEAbstract

5 A belt force measuring device has a measuring spring, the
expansion of which is a measure of the belt force. It further
has a detector which is arranged on the measuring spring
rigidly to a first bearing of the measuring spring.
Furthermore, a sensor element is provided which is arranged on
10 the measuring spring rigidly to a second bearing of the
measuring spring. The measuring spring is arranged and formed
such that it expands between the first and second bearing as a
function of the belt force.